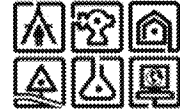


C.T. MALE ASSOCIATES

Engineering, Surveying, Architecture & Landscape Architecture, D.P.C.

50 Century Hill Drive, Latham, NY 12110
518.786.7400 FAX 518.786.7299 ctmale@ctmale.com



January 12, 2018

**Via Email*

Mr. James Moras, P.E.
Section Chief
Section C, Remedial Bureau B
New York State Department of Environmental Conservation
Division of Environmental Remediation
625 Broadway
Albany, NY 12233-7015
james.moras@dec.ny.gov

RE: *Supplemental Scope of Work
GenX Sampling & Analysis
Saint-Gobain Performance Plastics
14 McCaffrey Street
Village of Hoosick Falls, Rensselaer County
DEC Site No.: 442046*

Dear Mr. Moras:

As requested and on behalf of Saint-Gobain Performance Plastics (Saint-Gobain), C.T. Male Associates Engineering, Surveying, Architecture, Landscape Architecture, D.P.C. (C.T. Male) has developed this supplemental Remedial Investigation scope of work in relation to the collection and laboratory analysis of groundwater from select monitoring wells at the McCaffrey Street Site for Tetrafluoro-2-(heptafluoropropoxyl)-propanoic acid (HFPO-DA or GenX) and poly- & perfluoroalkyl substances (PFAS) analysis. GenX is member of the Perfluoroalkyl Ether Carboxylic Acids (PFECA) group of PFAS.

The following four previously installed monitoring wells will be sampled and analyzed for GenX and the 21 PFAS presented in the attached table. The monitoring wells are depicted on the attached figure.

On-Site:	MW-03
	MW-15
Off-Site:	MW-10
	MW-29

C.T. MALE ASSOCIATES

January 12, 2018

Mr. James Moras, P.E.

Page - 2

The following criteria were used to select the four monitoring wells for sampling and analyses:

- Wells that are in the same water bearing formation and/or in hydraulic communication with the Village water supply production wells;
- Wells that are within the property boundaries of the McCaffrey Street Site and Village property between the McCaffrey Street Site and Village water supply production wells;
- Wells that generally exhibit PFOA concentrations greater than other monitoring wells within this area; and
- Wells were selected that can produce groundwater without being purged dry using standard purging methods.

Collection of the water samples will be performed in accordance with the approved Remedial Investigation/Feasibility Study Work Plan. Sample collection will be coordinated with NYSDEC and NYSDOH, the later being responsible for the collection of samples from the Village Water Treatment Plant. Laboratory analysis for GenX will be performed by SGS North America-Environmental Services (SGS) of Wilmington, North Carolina. Laboratory analysis for the list of 21 PFAS will be completed by Eurofins Lancaster Laboratories Environmental (ELLE) of Lancaster Pennsylvania. Analysis of GenX and PFAS will be completed by EPA Method 537-Modified. The GenX and PFAS drinking water sample results will be reported consistent with the laboratory Reporting Limit, and environmental sample (groundwater) results will be reported consistent with the Method Detection Limit as specified within each respective laboratories' Standard Operating Procedure (SOP) manuals.

The water sampling event is scheduled to be completed on January 17, 2018. The analytical results are expected to be reported within 20 working days following the date(s) of sampling and provided to NYSDEC within 5 days thereafter. NYSDEC/NYSDOH will also provide its' results to Saint-Gobain within 5 days of receipt.

C.T. MALE ASSOCIATES

January 12, 2018

Mr. James Moras, P.E.

Page - 3

If you have any questions or require any additional information, please contact the undersigned at your convenience.

Respectfully submitted,
C.T. MALE ASSOCIATES

A handwritten signature in black ink, appearing to read 'K. Moline', written over a light gray grid background.

Kirk Moline P.G.
Managing Geologist

Enc. Figure 1: January 2018 GenX Analysis of Groundwater, On & Off-Site
Monitoring Wells

Table 1: List of 21 PFAS

c: Christopher Angier, P.E., SGPP
Edward Canning, SGPP
Christopher R. Gibson, Esq., Archer & Greiner
Susan Edwards, NYSDEC
Krista Anders, Ph.D., NYSDOH
Dolores A. Tuohy, Esq., NYSDEC
Daniel Reilly, P.E., C.T. Male
Ray Wuolo, Barr Engineering
John McAuliffe, Honeywell
William Shaw, NYSDEC
Justin Deming, NYSDOH
Tony Perretta, NYSDOH

Ex. 9 Wells

TABLE 1
PFAS Analyte List

Perfluoroalkyl sulfonates	Perfluorobutanesulfonic acid	PFBS	375-73-5
	Perfluorohexanesulfonic acid	PFHxS	355-46-4
	Perfluoroheptanesulfonic acid	PFHpS	375-92-8
	Perfluorooctanesulfonic acid	PFOS	1763-23-1
	Perfluorodecanesulfonic acid	PFDS	335-77-3
Perfluoroalkyl carboxylates	Perfluorobutanoic acid	PFBA	375-22-4
	Perfluoropentanoic acid	PFPeA	2706-90-3
	Perfluorohexanoic acid	PFHxA	307-24-4
	Perfluoroheptanoic acid	PFHpA	375-85-9
	Perfluorooctanoic acid	PFOA	335-67-1
	Perfluorononanoic acid	PFNA	375-95-1
	Perfluorodecanoic acid	PFDA	335-76-2
	Perfluoroundecanoic acid	PFUA/PFUdA	2058-94-8
	Perfluorododecanoic acid	PFDoA	307-55-1
	Perfluorotridecanoic acid	PFTriA/PFTrDA	72629-94-8
	Perfluorotetradecanoic acid	PFTA/PFTeDA	376-06-7
Fluorinated Telomer Sulfonates	6:2 Fluorotelomer sulfonate	6:2 FTS	27619-97-2
	8:2 Fluorotelomer sulfonate	8:2 FTS	39108-34-4
Perfluorooctanesulfonamides	Perfluorooctanesulfonamide	FOSA	754-91-6
Perfluorooctane-sulfonamidoacetic acids	N-methyl perfluorooctanesulfonamidoacetic acid	N-MeFOSAA	2355-31-9
	N-ethyl perfluorooctanesulfonamidoacetic acid	N-EtFOSAA	2991-50-6

Bold entries depict the 6 original UCMR3 chemicals